1. DEVICE USES REVISION-SPECIFIC EPROM PROGRAMMING PARAMETERS

   **Description:**
   EPROM programming parameters have been modified. For revision A8 devices only, \( V_{PP} = 12.5 \) V and \( t_{GLGH} = 88 \mu s \).

   **Work Around:**
   None. This erratum pertains only to this revision of the device.

2. SHORT RESET DURING MOVX INSTRUCTION CAUSES INITIAL WEAK ALE SIGNAL

   **Description:**
   When a short reset stimulus occurs during the execution of an extended MOVX data memory access, the ALE signal may not be driven with the strong transition drivers (\( V_{OH2} \) test levels) on the first instruction fetch following reset. This reduced drive current may not allow the ALE signal to rise to a logic high level before the first instruction fetch at location 0000h, possibly latching an incorrect address. This situation will only occur during a watchdog timer reset (the timer generates a momentary pulse to the internal reset circuitry) or when an external reset pulse of less than 2\( \mu \)s is asserted. This erratum does not affect a power-on reset as the internal crystal warm-up period counter provides a reset pulse of greater than 2\( \mu \)s.

   **Work Around:**
   If the watchdog timer reset function is employed, use the watchdog timer interrupt to ensure that the device will not be executing MOVX instructions when the watchdog timer reset occurs. If an external reset stimulus is used, be sure that it is at least 2\( \mu \)s.